

## **GAS SCRUBBER WITH AUTOMATIC DISASSEMBLING DEVICE**

### **ABSTRACT**

A gas scrubber with an automatic disassembling device in accordance with the present invention comprises a burning chamber to treat the gas with heat, a wetting chamber connected to the burning chamber for removing water soluble components contained in the gas flowing in from the burning chamber, an outlet which exhausts gas that has been treated, and a housing that contains both the burning chamber and the wetting chamber, wherein said wetting chamber slides out of the housing along guide rails placed at the bottom side edges of the wetting chamber. The bottom back edge of the burning chamber is connected to the top back edge of the wetting chamber with a hinge and a pivot member is placed on both sides of the burning chamber so that when the wetting chamber slides out along the guide rail to the outside to the housing, the burning chamber rotates about 90 degrees in the inside of the housing.